

ABSTRACT OF THE DISCLOSURE

A data recording and reproducing apparatus (11) which generates a plurality of divided data through dividing input data D_1 using a distributor (22) if recording data, while generating redundancy-code data P1 and P2 using
5 Read-Solomon-code data which can perform error-correcting on a plurality of divided data, and records the divided data and the redundancy-code data P1, P2 on HDDs 21_1 to 21_K , 28_1 and 28_Z . The data recording and reproducing apparatus (11) reproduces the divided data and the redundancy-code data
10 from the HDDs 21_1 to 21_K , 28_1 and 28_Z , performs error-correcting processing on the divided data based on the redundancy-code data by an error corrector (31), and outputs the divided data which have been error-corrected after multiplying the divided data by a data multiplier (32) if reproducing data.